ELSEVIER

Topology and its Applications 104 (2000) vii–viii

TOPOLOGY AND ITS APPLICATIONS

www.elsevier.com/locate/topol

Topology and its Applications
Volume 104, Numbers 1–3, 24 June 2000

Special Issue
Proceedings of the
French–Japanese Conference
"Hyperspace Topologies and Applications"
October 5–10, 1997, La Bussière, France
Guest Editors: Ch. Bonatti, S. Dolecki, T. Nogura

CONTENTS

Ch. Bonatti, S. Dolecki and T. Nogura
Editorial 1

B. Alleche and J. Calbrix
Semi-continuous multifunctions and bases of countable order 3

A.V. Arhangel'skii
Projective σ-compactness, ω_1-caliber, and C_p-spaces 13

A. Bouziad
Filters, consonance and hereditary Baireness 27

M. Chicourrat
RE-proximities as fixed points of an operator on pseudo proximities 39

S. Dolecki and F. Mynard
Cascades and multifilters 53

S. Dolecki and F. Mynard
Convergence-theoretic mechanisms behind product theorems 67

V. Gutev
Generic extensions of finite-valued u.s.c. selections 101

C.D. Horvath
On the existence of constant selections 119

Elsevier Science B.V.

N. Kemoto, K.D. Smith and P.J. Szeptycki
Countable paracompactness versus normality in ω_1^2 141

N. Kemoto, K. Tamano and Y. Yajima
Generalized paracompactness of subspaces in products of two ordinals 155

R. Lowen and M. Sioen
Weak representations of quantified hyperspace structures 169

V.I. Malykhin and G. Tironi
Weakly Fréchet–Urysohn and Pytkeev spaces 181

S. Matsumoto
Arnold conjecture for surface homeomorphisms 191

H. Ohta and J. Ono
The unique midpoint property of a subspace of the real line 215

A.V. Ostrovsky
Set-valued stable maps 227

M. Pillot
Tri-quotient maps become inductively perfect with the aid of consonance and continuous selections 237

G.M. Vago
Conjugate unstable manifolds and their underlying geometrized Markov partitions 255

Y. Yajima
Special refinements and their applications on products 293

Author Index 309

CONTENTS direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **www.elsevier.nl/locate/contentsdirect**